

50. (Currently amended) An article at least partially coated comprising:
at least one surface of said article at least partially coated with a superabsorbent
water-resistant polyacrylate polymer coating formed from a substantially homogenous
coating mixture superabsorbent polyacrylate polymer coating, said coating comprising:
(i) at least one water-soluble superabsorbent polyacrylate polymer
precursor in aqueous solution, ~~which cures, when said coating is applied to said at least~~
~~one surface to form a superabsorbent polyacrylate polymer~~;
(ii) a non-particulate viscosity-modifying agent provided in the form
of a solution or dispersion;
(iii) a lubricant; and
(iv) a film forming binder in aqueous solution, said film forming binder
selected from the group consisting of polyesters, polyurethanes, epoxies, latex and
mixtures thereof,
wherein, when applied to said at least one surface and cured, the coating mixture
forms said superabsorbent, water-resistant polyacrylate polymer coating; and
said superabsorbent, water-resistant polyacrylate polymer absorbs coating
absorbing water when it is wetted and desorbs desorbing water when it is dried without
loss of polyacrylate polymer.

51. Cancelled.

52. (Previously presented) The article according to claim 50 wherein said article is
selected from the group of articles consisting of tapes, mats, fabrics, rovings, fibrous
strands, laminates, sheets, rods and cables.

53. (Previously presented) The article according to claim 50 wherein said article is
selected from the group of articles consisting of molded articles, woven fabrics, scrims,
wood and paper products, and construction materials.

54. (Previously presented) The article according to claim 50 wherein said article
comprises a fibrous reinforcing material.

55. (Previously presented) The article according to claim 54 wherein said fibrous reinforcing material is selected from the group of reinforcing fibers consisting of glass fibers, polymer fibers, carbon fibers, natural fibers, and blends thereof.
56. (Previously presented) The article according to claim 55 wherein said reinforcing fibers comprise polymer fibers selected from the group consisting of aramid fibers, nylon fibers, Kevlar fibers, polyester fibers, polyethylene fibers, polypropylene fibers, and combinations thereof.
57. (Previously presented) The article according to claim 56 wherein said polymer fibers comprise aramid fibers.
58. (Previously presented) The article according to claim 50 wherein said superabsorbent polyacrylate polymer coating is corrosion resistant.
59. (Previously presented) The article according to claim 50 wherein said superabsorbent polyacrylate polymer coating is water resistant.
60. (Previously presented) The article according to claim 50 wherein said superabsorbent polyacrylate polymer coating absorbs water when immersed in an aqueous environment and desorbs said water when said coating is dried.
61. (Previously presented) The article according to claim 50 wherein said superabsorbent polyacrylate polymer coating absorbs up to about 400 times its initial dry weight in water when immersed in an aqueous environment and desorbs said water when said coating is dried.
62. (Previously presented) The article according to claim 50 wherein said superabsorbent polyacrylate polymer coating has a swell rate of from about 50 grams of

deionized water per gram of dry coating to about 340 grams of deionized water per gram of dry coating in the first minute.

63. (Previously presented) The article according to claim 50 wherein said superabsorbent polyacrylate polymer coating has a swell rate of from about 33 grams of salt water per gram of dry coating to about 66 grams of salt water per gram of dry coating in the first minute.

64. (Previously presented) The article according to claim 63 wherein said superabsorbent polyacrylate polymer coating has a swell rate of about 126 grams of water per gram of dry coating and about 50 grams of salt water per gram of dry coating in the first minute.

65. (Previously presented) The article according to claim 50 wherein said viscosity-modifying agent is selected from the group of viscosity-modifying agents consisting of alkyl celluloses, acrylamide polymers and mixtures thereof.

66. (Previously presented) The article according to claim 50 wherein said viscosity-modifying agent is an acrylamide polymer.

67. (Previously presented) The article according to claim 50 wherein said superabsorbent polyacrylate polymer coating further comprising a wetting agent.

68. (Previously presented) The article according to claim 50 wherein said water-soluble superabsorbent polyacrylate polymer precursor is selected from the group of anionic salt forms of the polymer precursor consisting of anionic alkali salt polymer precursors and alkali metal salt polymer precursors.

69. (Previously presented) The article according to claim 50 wherein said superabsorbent polymer coating covers an entire surface of the article.